

1ST & Final BillOriginal/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

SBR No-86

27/09/2022

No:

Division: R.R Nagar Electrical

Sub-Division: R.R Nagar, Electrical

Bill Received No..... Dated..... Cash Book Voucher No..... dated.....

Scheduled Docket No.

Name of Work (as per sanctioned estimate): Replacement of damaged UG Cable, Panel Board, poles and fittings etc at J P park ward No. 17 Of RR Nagara Zone.

Name of Contractor and Full Address:

M/S Impana Enterprises, Prop. Sumalatha R D,
No.55, 33rd main road Narasimha Swamy Layout
Nandini Layout Bangalore-560096.

Work order No : EE/ELE/RRN/W.O/ 25 /2022-2 Dtd:19/04/2022

Budget Head: P0298

Reference to Agreement :25/2022-23 Dtd:19/04/2022

Job Code:017-22-000003

Certified that the measurements were taken by me on 14/7/2022 and recorded of page nos 371834 to 371838 of measurement Book No: 3720/2021 and that the work is satisfactorily executed.

S. R.D.
Contractor

Proforma Invoice - 43491/-

CGST@6% - 26051/-

SGST@6% - 26051/-

Officer in charge of work
AE (Ele.)

Certified that the measurements were checked by me on 16/7/22 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in columns 3 of Account II have been actually brought to Site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in the connection with item for finished work have been agreed upon and normal agreement signed and executed by the contractor is recorded in the office

II Memorandum of Payment

Sub-division Officer

- 1) Total value of work done or supplies as per account within
- 2) Deduct amount to be held in reserve being percent Rs.....
- 3) Balance
- 4) Deduct payment :
 - a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated..... S.D.No.....
 - Amount adjusted towards cash advance recovery of
 - b) Payments cost store or other material supplied.
 - Now made recovery amount creditable to this/ other work
 - Amount paid on this bill cheque/cash
 - c) Balance being unpaid value of work done held in reserve
- 5) Deduct cash advance made on the Office Cash Book Voucher No..... dated..... less adjustments
- 6) Net amount due to or from contractor
- Unadjusted items
- 7) Advance to contractor for materials brought to site (as detailed) within Value of Government materials supplied

Adjustments Details

1) 4863 = 00/-

CGST 4342 = 00/-

SGST 4342 = 00/-

CBF 486 = 00/-

FSD -

LC 4863 = 00/-

FINE -

OTHERS -

TOTAL 18896 = 00/-

NETT. 4,67,393 = 00/-

Received Rs..... (in words)

by cash and adjustment of payment as per memorandum.

Witnesses :

1.

2.

Dated..... Signature of contractor

Paid by me by cheque No..... Dated.....

Cash Rs..... Dated.....

Initials of Officer making payment

S. R.D.
Contractors Signature

Passed for Rs. 4,86,293 = 00/- (For use in the office)

Net Cheque Rs. 4,67,393/- Only

Adjustment Rs. 18,896/- Only

Rs in Words. Four lakhs Seventy

Seven thousand three hundred

Twenty Seven Only

Executive Engineer (Ele.)

RRNZ

BBMP

Fist & Final Bill

Replacement of damaged UG Cable, Panel Board, poles and fittings etc at J P park ward No. 17 Of RR
Nagara Zone

A	Items Grouped under sub Heads and sub works of the Estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
1	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694 conforming to latest amendments 1.5 sqmm	Mtr.			195	18 0	3510 00	3.645	3510.00
2	Wiring for lighting/power circuit using one of PVC insulated 1100V grade, stranded Aluminium wire single core in open or concealed system of wiring 4 sqmm	Mtr.			190	8 0	1520 00	0.36	1520.00
3	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC 60898 40 Amps DP	Each			20	1300 0	26000 00	1	26000.00
4	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc. complete with AC-3 Rating and as per IS-13947 60 to 70Amps	Each			10	4000 0	40000 00	0.311	40000.00
5	Supplying and fixing Microprocessor based Electronic timer (without contactor, Din Mounting using necessary bolts, nuts and washers etc.) 3-120sec setting	Each			10	1850 0	18500 00	58	18500.00
6	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS 1554 (Part 1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 10 sqmm	Mtr			700	120 0	84000 00	90	84000.00
7	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required In existing trench/duct 6 sqmm to 16 sqmm	Mtr			700	11 0	7700 00	2	7700.00
8	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) In soil (ordinary)	Mtr			640	70 0	44800 00	2	44800.00
9	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 10 sqmm	Each			60	7 0	420 00	2	420.00
10	16 sqmm	Each			40	12 0	480 00	250	480.00
11	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 63 Amps	Each			8	220 0	1760 00	250	1760.00

Items Grouped under sub Heads and sub works of the Estimate		Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
12	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop- Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/ Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets. 200mmx200mmx98mm	Each			10	1900.0	19000.00	200	19000.00
13	Supply of LED pole mounting type post top lantern with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/ clear glass material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in- house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source. LED Post Top Lantern with 35 watts	No			12	6000.0	72000.00	15	72000.00
14	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source. LED Streetlight 25watts	No			12	1800.0	21600.00	8	21600.00

Santh
AE (Ele.)

San
AEE (Ele.)

Items Grouped under sub Heads and sub works of the Estimate		Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
15	Supplying & fixing LED Drivers suitable for 5700K LED fitting Outdoor Fixtures. Operating voltage range from 180V to 265V, 50Hz AC power Supply a) 25W 5700K suitable for outdoor LED fitting.	Each			40	1050.0	42000.00	2	42000.00
16	b) 90W 5700K suitable for outdoor LED fitting.	Each			8	3200.0	25600.00	20	25600.00
17	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/footing of the pole. Upto 5Mtr street light pole.	No			55	460.0	25300.00	19	25300.00
	Total						434190.00		
	Add 12% GST						52103.00		
	Total Bill Amount						486293.00		
Rupees Four Lakh Eighty Six Thousand Two Hundred and Ninety Three Only									

Certificate:

1.Certified that work is Executed Satisfactorily.

Signature
AE (Ele.)

Signature
AEE (Ele.)